



Office of the **Kalyani Municipality**

PH : (033) 2582 8455, 9569, 9570

FAX: (033) 2582 8630

City Centre Complex : Kalyani : Nadia : West Bengal : PIN-741235

Quotation No. 4487/KM.

Date 20.04.2018

NOTICE INVITING QUOTATION

Sealed quotations for supplying **SEMI AUTOMATED ELISA READER WITH PRINTER, SEMI AUTOMATED ELISA WASHER & MICROPIPETTES** for use of Health Department under this municipality are invited from companies / authorized distributors/ Dealers . Quotation will be received by this office up to 2.00 p.m. on 03.5.2018 and will be opened on the same date at 3.00 p.m.

The Technical Specifications is given below.

1. Semi Automated ELISA Reader

- a) Photometer 8 - 12 measurement channel
- b) Wave length range 405 - 620 nm with upgradable slots should be available.
- c) Filter: 405, 450, 492 & 620 nm with optional additional filters.
- d) Absorbance range 0 to 4.0 OD
- e) Reading time for 96 well plates will not exceed 20 seconds.
- f) Should be capable of reading in Multi level volume content
- g) On board shaking with programmable time
- h) Should have LED / Halogen light source & free replacement of light source for 10 years with free calibration at the time of changing of light source.
- i) Calibration of the reader should be at least once a year during the period of warranty & CMC without any additional cost.
- j) Product certification: CE / US FDA / BIS certified.
- k) Quality Certification: ISO certificate
- l) Compatible good quality UPS with appropriate KVA – 30 minutes backup
- m) The UPS with battery should also be under warranty & CMC.

Programming:

- i). Provide Levy Jennings chart recording system for QC & printout facility.
- ii). Multi blank programming facility, various types of cut off programme
- iii). Should be capable of printing results for 8 x 12 wells.
- iv). Should provide computer with licensed software and compatible printer during warranty & CMC period.
- v). Reader compatible licensed software should have unlimited uploading during warranty & CMC period.



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2. Semi Automated ELISA Washer

- Cross wise aspiration, over flow washing, bottom washing
- Automatic manifold detection
- 8 or 12 channel manifold
- Plate carrier auto cleavable and also can be sterilized
- Equipment should be capable of using compatible bottle or container (should be supplied with additional 4 bottles)
- Volume of wash liquid dispensed 50 to 350 μ l with 50 μ l increment
- Suitable for UV & flat bottom micro plate etc.
- Residual volume per well < 2 μ l
- Waste bottle with fluid sensor should be provided
- Product certification: CE / US FDA / BIS certified
- Quality Certification: ISO certificate

3. Micro Pipettes*

- Fully auto cleavable with tip rejecter
- Control button shall be operated by very low operating force
- Ejector shall be operated by very low operating force
- Should have two auto cleavable trays

NOTE – i) Should provide calibration certificates from NABL accredited agency every year during warranty & CMC period.

ii) Calibration cost will have to be borne by the supplier.

- The following set of Micropipettes should be supplied with each ELISA Reader & Washer

SL.NO.	MICROLITRES (μ L)	Quantity
1	2 – 10 μ L	2
2	10–100 μ L	2
3	100 – 200 μ L	2
4	200 – 1000 μ L	1
5	Adjustable 8 channel (40-300 μ L)	2

- Capability and Reproducibility of the Micropipettes:

SL.NO.	MICROLITRES (μ L)	ACCURACY	REPRODUCIBILITY
1	2-10 μ L	\pm 1%	1% - 0.5%
2	10-150 μ L	\pm 1%	1.5% - 1%
3	100-1000 μ L	\pm 1%	0.5 – 0.4%

NOTE: The combination of micropipettes in terms of set has been given from 2 μ L. to 1000 μ L., which is indicative in nature. Any other combination to cover this volume may be considered.

- e) Product certification : CE / US FDA / BIS certified

*The micropipettes may or may not be from the same manufacturer of ELISA Reader and Washer, but they must comply with the tender specification (Sartorius / Pipetman / Biohit / Eppendorf/ Thermo fisher / Gilson)



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All relevant documents (e.g GST, Valid Trade License , I.T. clearance certificate etc) must be submitted along with Quotation. The Quoted amount must be inclusive of all taxes, Transportation cost (Kathaltala HAU building), installation charge, and necessary training etc)

The undersigned reserves right to accept or reject any or all quotations without assigning any reason whatsoever.

20.4.18

Executive Officer
Kalyani Municipality

Date 20.04.2018

No. 4487(33)/K.M

Copy forwarded for information and wide publication to :

1. The Project Director, SUDA (Health Wing), Ilgus Bhavan, HC-Block, Sector-3, Kol – 106.
2. The Sub-Divisional Officer, Kalyani Sub-Division , Kalyani , Nadia.
3. The Chief Medical Officer of Health, Nadia, Krishnagar , Nadia

4 to 23. _____, Kalyani Municipality, Ward no. _____

24. Finance Officer, Kalyani Municipality, Kalyani, Nadia
25. The Chairman, Kanchrapara Municipality, Kanchrapara, 24 pgs.(N)
26. The Chairman, Gayeshpur Municipality, Gayeshpur , Nadia
27. The Estate Manager, U.D. Department, D.C.Building, Kalyani , Nadia.
28. The District Employment Officer , Kalyani , Nadia
29. The Ex-Engineer , Nadia Division , P.H.E., Kalyani , Nadia
30. The Post Master, Kalyani Post Office, Kalyani , Nadia
31. The Assistant Engineer, Group Electric Supply , Kalyani , Nadia
32. Notice Board , Kalyani Municipality.
33. _____

20.4.18

Executive Officer
Kalyani Municipality